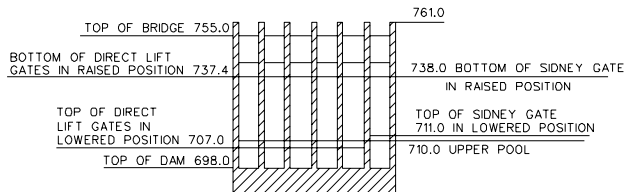
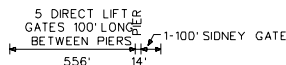
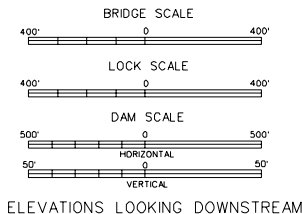
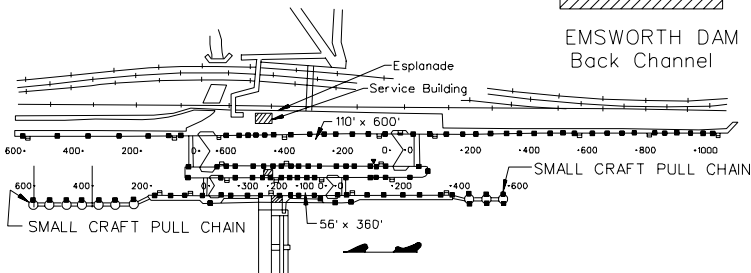


EMSWORTH
LOCKS & DAM
UPPER POOL EL. 710.0
LOWER POOL EL. 692.0
UPPER GAGE
ZERO EL. 694.0
N.P. READS 16.0'
LOWER GAGE
ZERO EL. 680.0
N.P. READS 12.0'

EMSWORTH LOCKS & DAM Main Channel

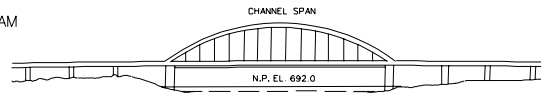


EMSWORTH DAM Back Channel



AERIAL POWER CROSSINGS

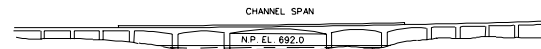
CROSSING	MILE	ELEVATION	CLEARANCE
1	8.60	757.6	65.4'



5

INTERSTATE 79 HIGHWAY BRIDGE MAIN CHANNEL SPAN

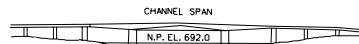
ELEVATION OF LOW STEEL 760.0
VERTICAL CLEARANCE AT POOL STAGE 68.0'
HORIZONTAL CLEARANCE 725.0'



6

INTERSTATE 79 HIGHWAY BRIDGE BACK CHANNEL SPAN

ELEVATION OF LOW STEEL 737.0
VERTICAL CLEARANCE AT POOL STAGE 45.0'
HORIZONTAL CLEARANCE 301.0'



7

INTERSTATE 79 HIGHWAY RAMP BACK CHANNEL SPAN

ELEVATION OF LOW STEEL 737.0
VERTICAL CLEARANCE AT POOL STAGE 45.0'
HORIZONTAL CLEARANCE 300.0'

LEGEND

- ▲ Floating mooring bit
- Check post
- ▬ Ladder